

THAT WHICH IS CLAIMED IS:

1. A folding knife comprising:

a handle;

a blade rotatably connected to said handle and moveable between an opened position and a closed

5 position, said blade having a first lock member receiving recess defined by a bottom wall and first and second opposing sidewalls extending upwardly therefrom, and a second lock member receiving recess adjacent the first lock member receiving recess and defined by a bottom wall  
10 and a sidewall extending upwardly therefrom;

a lock bar pivotally connected to said handle and comprising a first lock member defined by a bottom wall and first and second sidewalls extending upwardly therefrom, and a second lock member adjacent the first  
15 lock member and defined by a bottom wall and a sidewall extending upwardly therefrom, said lock bar being movable between an engaged position and a disengaged position so that a portion of the first sidewall of the first lock member contacts a portion of the first sidewall of the  
20 first lock member recess to define a contact point between said lock bar and said blade when said blade is in the opened position and said lock bar is in the engaged position; and

a lock pin connected to said handle adjacent  
25 said first and second lock members so that when said blade is in the opened position and said lock bar is in the engaged position, said lock pin contacts the second sidewall of said first lock member and the bottom wall of the second lock member receiving recess.

2. A folding knife according to Claim 1 wherein the bottom wall and sidewall of said second lock member are spaced apart from the bottom wall and sidewall of the second lock member receiving recess when said lock bar is in the engaged position.

3. A folding knife according to Claim 1 wherein the sidewall of the second lock member receiving recess is spaced apart from said lock pin when said blade is in the opened position and said lock bar is in the engaged position.

4. A folding knife according to Claim 1 wherein the sidewall of the second lock member receiving recess is spaced apart from the sidewall of said second lock member when said blade is in the opened position and said lock bar is in the engaged position.

5. A folding knife according to Claim 1 further comprising a blade connecting member connected to said handle; and wherein said blade has a blade connecting member passageway for receiving said blade connecting member to thereby rotatably connect said blade to said handle.

6. A folding knife according to Claim 1 further comprising a lock bar connecting member connected to said handle; and wherein said lock bar has a lock bar connecting member passageway formed therein for receiving said lock bar connecting member to thereby pivotally connect said lock bar to said handle.

7. A folding knife according to Claim 1 further comprising a lock bar spring member connected to said handle to engage a portion of said lock bar.

8. A folding knife according to Claim 1 wherein the first lock member receiving recess is U-shaped; and wherein the second lock member receiving recess is L-shaped.

9. A folding knife according to Claim 1 wherein said blade comprises an upper edge, and a sharpened lower edge.

10. A folding knife according to Claim 9 wherein said sharpened lower edge is adjacent a lower edge of said lock bar when said blade is in the closed position.

11. A folding knife according to Claim 1 wherein said handle has a distal portion and a proximal portion having a recess formed therein.

12. A folding knife comprising:

a handle having a distal portion and a proximal portion, the proximal portion having a recess formed therein;

5 a blade rotatably connected to the distal portion of said handle and moveable between an opened position and a closed position, said blade having at least one lock member receiving recess formed therein and comprising an upper edge and a lower sharpened edge;

10 a lock bar pivotally connected to a medial portion of said handle and moveable between an engaged

position and a disengaged position, said lock bar  
comprising at least one lock member, a portion of which  
contacts a respective portion of said blade adjacent the  
15 at least one lock member receiving recess to thereby  
define a contact point between said lock member and said  
blade when said blade is in the opened position and said  
lock bar is in the engaged position; and  
a lock pin connected to said handle adjacent  
20 said at least one lock member.

13. A folding knife according to Claim 12  
wherein the at least one lock member receiving recess  
includes a first lock member receiving recess defined by  
a bottom wall and first and second opposing sidewalls  
5 extending upwardly therefrom, and a second lock member  
receiving recess adjacent the first lock member receiving  
recess and defined by a bottom wall and a sidewall  
extending upwardly therefrom.

14. A folding knife according to Claim 13  
wherein said at least one lock member comprises a first  
lock member defined by a bottom wall and first and second  
sidewalls extending upwardly therefrom, and a second lock  
5 member adjacent the first lock member and defined by a  
bottom wall and a sidewall extending upwardly therefrom.

15. A folding knife according to Claim 14  
wherein the bottom wall and sidewall of the second lock  
member are spaced apart from the bottom wall and sidewall  
of the second lock member receiving recess when said lock  
5 is in the opened position and said lock bar is in the  
engaged position.

16. A folding knife according to Claim 15 wherein said lock pin is connected to said handle adjacent said first and second lock members so that when said blade is in the opened position said lock pin  
5 contacts the second sidewall of the first lock member and the bottom wall of the second lock member receiving recess.

17. A folding knife according to Claim 14 wherein the sidewall of the second lock member receiving recess is spaced apart from said lock pin when said blade is in the opened position and said lock bar is in the  
5 engaged position.

18. A folding knife according to Claim 14 wherein the sidewall of the second lock member receiving recess is spaced apart from said sidewall of said second lock member when said blade is in the opened position and  
5 said lock bar is in the engaged position.

19. A folding knife according to Claim 12 further comprising a lock bar spring member connected to said handle to engage a portion of said lock bar.

20. A method for locking a folding knife in an opened position, the folding knife comprising a handle, a blade rotatably connected to the handle, the blade having at least one lock member receiving recess, a lock bar  
5 pivotally connected to the handle and movable between an engaged position and a disengaged position, the lock bar comprising at least one lock member, and a lock pin connected to the handle adjacent the at least one lock member, the method comprising:

10                   moving the blade to the opened position; and  
                  moving the lock bar to the engaged position so  
                  that a portion of the at least one lock member contacts a  
                  respective portion of the blade adjacent the at least one  
                  lock member recess to thereby define a contact point  
15   between the lock member and the blade when the blade is  
                  in the opened position.

                  21. A method according to Claim 20 wherein the  
                  at least one lock member receiving recess includes a  
                  first lock member receiving recess defined by a bottom  
                  wall and first and second opposing sidewalls extending  
5   upwardly therefrom, and a second lock member receiving  
                  recess adjacent the first lock member receiving recess  
                  and defined by a bottom wall and a sidewall extending  
                  upwardly therefrom.

                  22. A method according to Claim 21 wherein the  
                  at least one lock member comprises a first lock member  
                  defined by a bottom wall and first and second sidewalls  
                  extending upwardly therefrom, and a second lock member  
5   adjacent the first lock member and defined by a bottom  
                  wall and a sidewall extending upwardly therefrom.

                  23. A method according to Claim 22 wherein the  
                  bottom wall and sidewall of the second lock member are  
                  spaced apart from the bottom wall and sidewall of the  
                  second lock member receiving recess when the blade is in  
5   the opened position and the lock bar is in the engaged  
                  position.

                  24. A method according to Claim 23 wherein the  
                  lock pin is connected to the handle adjacent the first

and second lock members so that when the blade is in the  
opened position the lock pin contacts the second sidewall  
5 of the first lock member and the bottom wall of the  
second lock member receiving recess.

25. A method according to Claim 22 wherein the  
sidewall of the second lock member receiving recess is  
spaced apart from the lock pin when the blade is in the  
opened position and the lock bar is in the engaged  
5 position.

26. A method according to Claim 22 wherein the  
sidewall of the second lock member receiving recess is  
spaced apart from the sidewall of the second lock member  
when the blade is in the opened position.

27. A method according to Claim 20 wherein  
moving the lock bar to the locked position further  
comprises engaging the lock bar with a lock bar spring  
member connected to the handle.